

segment memory streaming

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Stream computations organized for reconfigurable execution (SCORE)

berkeley.edu (PDF)

E Caspi, M Chu, R Huang, J Yen, J Wawrzyniak, A ... - Field-Programmable Logic ... - Springer

... The **memory** controllers need to support a simple, paged **segment** model including address relocation within a **memory** block and **segment** bounds. **Streaming** data support obviates the need for external addressing during reconfiguration and **stream** buffering. ...

Cited by 167 - Related articles - 84,000+ - All 15 versions - Import into BibTeX

Chain: Operator scheduling for memory minimization in data stream systems

psu.edu (PDF)

B Babcock, S Babb, R Motwani, M ... - Proceedings of the 2002 ... 2002 - portal.acm.org

... it is in the middle of l if $l < p(r) < l+1$. Consider a data **stream** system with n ... so it will keep moving this tuple until it has cleared the **segment** and moved to the next **segment**. ... progress chart P. However, we show that this does not matter too much — the **memory** requirements of ...

Cited by 166 - Related articles - 84,000+ versions - Import into BibTeX

Streaming RAID: a disk array management system for video files

FA Tobagi, J Pang, R Baid, M Gang - Proceedings of the 1993 ... 1993 - portal.acm.org

... time, buff-ers have to be allocated to each **stream** for the requests placed at the beginning of the I/O cycle; thus **segment** buffers are needed per **stream**, leading to a total **memory** size requirement given by 3.2 **Memory** Sharing A ...

Cited by 167 - Related articles - 84,000+ versions - Import into BibTeX

Spatial memory streaming

psu.edu (PDF)

S Sonogayashi, TF Watanabe, A Kawanishi, B ... - Proceedings of the ... 2006 - portal.acm.org

... buffer L1 Caches Split I/O, 64KB 2-way, 2-cycle load-to-use 4 ports, 32 MSHRs, 16 SMS **stream** requests L2 ... FIGURE 5. **Memory** access density. Each **segment** represents the percentage of L1 or L2 misses from generations of the indicated density (ie, the number of blocks in the ...

Cited by 85 - Related articles - 84,000+ - All 12 versions - Import into BibTeX

The Tera computer system

psu.edu (PDF)

H Anderson, D Callahan, D Cummings, B ... - Proceedings of the ... 1991 - portal.acm.org

... supports as many as 16 active protection domains that define the program **memory**, data mem ...

Each executing **stream** is assigned to a protection domain, but which domain (or which processor ...

address; the levels of privilege needed to read, write, or execute the **segment** or page ...

Cited by 166 - Related articles - 84,000+ versions - Import into BibTeX

Memory controller optimizations for web servers

psu.edu (PDF)

S Rorer - Proceedings of the 32th annual IEEE/ACM ... 2004 - portal.acm.org

... tual channels. The controller can keep multiple **segments** from the same bank active

at the same time in order to cap-ture additional locality in the **memory** access **stream**.

For-thermore, row activations can occur while these ...

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Periodic broadcast and patching services-implementation, measurement and analysis in an internet

psu.edu (PDF)

streaming video testbed

MM Bradshaw, B Wang, S Sen, I Gao, J Kurose, P ... - MM/Media ... 2003 - Springer

... First, it allows us explore how various **streaming** media Page 3, 80 ... The transmission schedule specifies when "segments" of each video are to be retrieved from disk (or the in-memory cache) and transmitted into the network. A "segment" of ...

Cited by 77 - Related articles - 84,000+ - All 28 versions - Import into BibTeX

Effective memory use in a media server

psu.edu (PDF)

E Cheng, H Garcia-Molina - PROCEEDINGS OF THE INTERNATIONAL ... 1997 - Citeseer

... The data for a **stream** is read into a **memory** buer for that **stream**, which must be adequate to

sustain that **stream** until its next **segment** is read during the following disk elevator sweep. To

analyze the performance of Sweep, we typically are given the following parameters: ...

Cited by 71 - Related articles - close to 100k - 84,000+ - All 37 versions - Import into BibTeX

... of delivering seamless and continuous presentation of multimedia data files to a target device by

assembling and concatenating multimedia segments in memory

MN Day, LMT Yeung - US Patent 6,946,645, 1996 - Google Patents

... PREPARE PLAYLIST OF SEGMENTS RESERVE NECESSARY RESOURCES START PLAYLIST

STREAM DO INITIALIZATION OF ... TO A TARGET DEVICE BY ASSEMBLING AND

CONCATENATING MULTIMEDIA 5 SEGMENTS IN MEMORY RELATED APPLICATIONS The ...

Cited by 26 - Related articles - 84,000+ versions - Import into BibTeX

Mobile streaming media CDN enabled by dynamic SMIL

indiana.edu (PDF)

T Yoshimura, Y Teraoka, T Ohya, M ... - Proceedings of the 11th ... 2002 - portal.acm.org

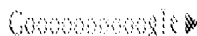
... 3. CONTENT SEGMENTATION Content segmentation is effective especially for large **streaming**

content. ... at the granularity of the **segments**, which leads to efficient cache **memory** and network ...

segmentation[14] have been proposed as the intelligent variants of **segment** caching. ...

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